

ABSTRACT OF THE DISCLOSURE

The present invention provides a composition of transdermally administered huperzine for improving memory and cognitive function. In one aspect, huperzine is delivered in a sufficient amount to achieve and maintain a blood plasma Huperzine level of about 0.5 ng/mL to about 30 ng/mL. Huperzine may be delivered by itself, or in combination with other elements, such as additional cholinesterase inhibitors, drugs or treatment agents, or positive health promoting substances. Various formulations for the transdermal delivery of huperzine are disclosed, and may include selected penetration enhancers.